



The EVGA Z170 FTW motherboard is engineered to win. Designed for next generation hardware, the EVGA Z170 FTW features a new BIOS GUI interface designed to be fast and have the best overclocking support and functionality. A highly efficient VRM provides the cleanest power to the CPU possible, fed through a CPU socket that has 1.5X the amount of gold content for improved signal quality. A total of 4 DIMM slots support up to 64GB of DDR4 memory and the PCI Express® layout is optimized for improved lane distribution and better performance with native support for NVIDIA SLI® Technology.

KEY SPECS

- Supports Intel Core 6th Generation Processor Family for LGA Socket 1151
- 150% Increased Gold Content
- Intel® Z170 Chipset
- Enthusiast Layout Supporting 2-Way SLI® + PhysX®
- 4 DIMM Dual-Channel DDR4 3200MHz+ (64GB)
- PCI Express® 3.0 Ready
- 2 USB 2.0 Ports (two rear panel)
- 8 USB 3.0 Ports (six rear panel, two onboard)
- 1 HDMI Port
- 1 DisplayPort 1.2 Port
- 6 SATA 6G Ports
- 1 M.2 (Key M) Up to 32Gbps
- 1 Intel® Gigabit Ethernet Port (10/100/1000)
- 8 Channel HD Audio
- ATX Form Factor

DESIGN DETAILS

Supported CPUs - Intel® 6th Generation Socket 1151 Processors
Socket Type - LGA 1151
PCH - Intel® Z170

DIMM QTY - 4 DIMM Slots
Memory Type - DDR4 Up to 3200MHz+
Memory Capacity - 64GB

SATA 6Gb/s Ports/Controller - 6 / Intel® Z170 PCH
RAID Support - RAID 0, 1, 5 and 10

USB 2.0 Ports/Controller - 2 / Intel® Z170 PCH
USB 3.0 Ports/Controller - 8 / Intel® Z170 PCH

Network Speed - 10/1000/1000
Network Ports/Controller - 1 / Intel® i219 Gigabit Ethernet PHY

Audio - 8 Channel HD
Audio Controller - Realtek HD Audio + Optical

PCI-E Slot Arrangement - 1x16, 2x8+1x4+1x1
PCI-E x16 Mechanical Slots - 4
PCI-E x4 Mechanical Slots - 1
M.2 / 1x Key M (Up to 32Gbps)

BIOS Type - Full UEFI with mouse/keyboard control
Software - EVGA E-LEET X Tuning Utility

Fan Headers - 7 / 4-Pin PWM

DIMENSIONS

- Width: 9.6in – 243.8mm
- Length: 12in – 304.8mm
- Form Factor: ATX

ACCESSORIES

- EVGA Driver Installation Disc
- Rear Case I/O Panel
- Rear Case I/O Cover
- 2 SATA 6G Data Cables
- 2-Way SLI Bridge
- Manual



PRODUCT WARRANTY

This product is covered under EVGA's 3 year warranty which covers parts and labor. Further warranty extension is available upon registration within 30 days of purchase. For more details please visit www.evga.com/warranty



FULL UEFI GUI BIOS INTERFACE

Focused on functionality



E-LEET X TUNING UTILITY

Adjust your overclocking in O.S.



M.2 SLOT

Next generation form factor



ONBOARD CPU TEMP MONITOR

Monitor CPU temps quickly & easily



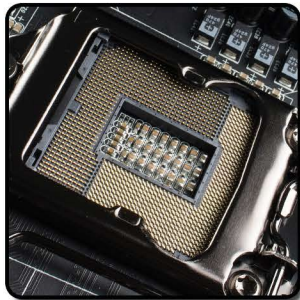
6 LAYER PCB

Improved overclock stability and PCB cooling



HIGHER GOLD CONTENT

Lower inductance, better power delivery!



ONBOARD POWER

Reset and CMOS Reset Buttons – Power at your fingertips



2-WAY SLI + PHYSX SUPPORT

Engineered to handle the most demanding video loads



PASSIVE CHIPSET HEATSINK

No fans, lower noise, longer lifespan



6 PHASE PWM

Cleanest variable power switching



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